

## Exercise 2-1

This is an individual exercise to practice setting up the directory structure and files for a new GEOPAK job.

1. Open any MicroStation file.

2. Create the following job with the **Start Job** dialog (MicroStation menu path:

**MoDOT > Start GEOPAK Job/Add User**).

Use the settings shown in the following dialog.

The screenshot shows the 'Start Job' dialog box with the following settings:

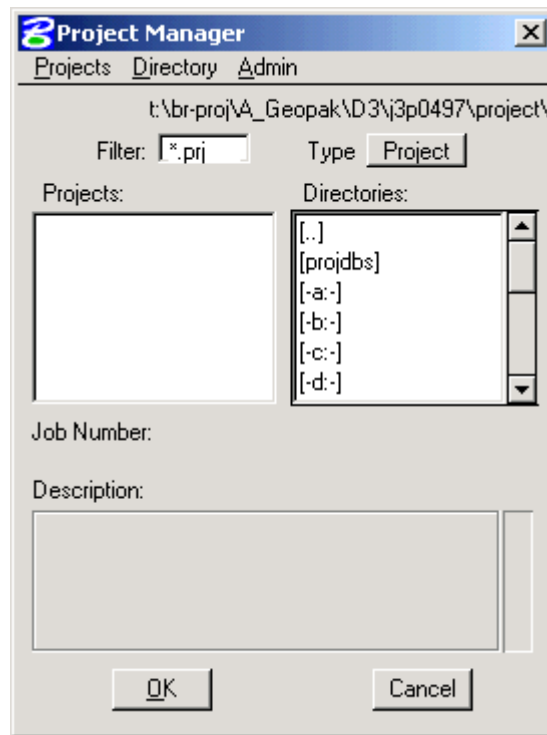
- File: Job Number: j3p0497, Append Job Number: ☒
- Path: t:\br-proj\A\_Geopak\D3\
- District: 3, County: Montgomery
- Add Userids to Existing Job: ☐
- Units: Imperial
- USERIDS: user4, user5, user6, user7, user8, user9, userc
- Sheets: Title, Typical Sect, 2B, Plan, Profile, ROW, Utility
- Custom Coordinates: ☐
- X COORDINATE: , Y COORDINATE:
- Buttons: OK, CANCEL

3. Review the directory structure and the files created in the directory.

## Ex. 2-1 Start Job/Project Manager      GEOPAK Road for Bridge

4. Use the **Project Manager** dialog to create the following project:

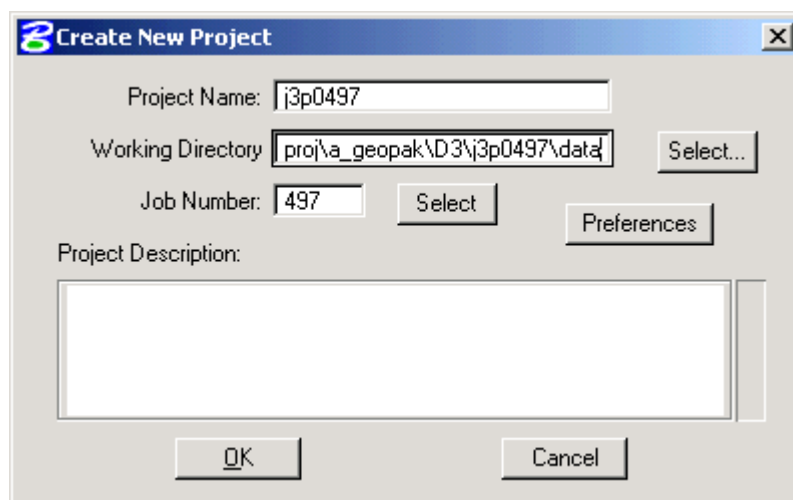
Go to the directory **t:\br-proj\A\_Geopak\D3\j3p0497\project\**



Choose **Projects>>New**.

Enter the following information in the **Create New Project** dialog as shown below.

Project name:	<b>j3p0497</b>
Working Directory:	<b>t:\br-proj\A_Geopak\D3\j3p0497\data</b>
Job Number:	<b>497</b>



Set up the **Preferences** as shown below:

The screenshot shows the 'GEOPAK User Preferences' dialog box. It contains several settings:
 

- Distance Decimal: 99.1234
- Angle Sec. Decimal: 9^9^9.12
- Station Decimal: 9+99(9).12
- Station Format: 12+34
- Direction: Bearing
- Coordinate: XY
- Unit: English
- Working Directory: t:\br-proj\A\_geopak\D3\j3p0497
- Buttons: Feature Preferences..., COGO Preferences..., Superelevation Preferences..., Select...
- GEOPAK 2000 (dropdown)
- Plan & Profile Sheets Compatibility: Classic
- Buttons: OK, Cancel
- Checkbox: Show this dialog at GEOPAK startup.

5. Add User2 and User3 as users to the project.

The screenshot shows the 'Start Job' dialog box with four annotations:
 

- A) Start by toggling on Add Userids to Existing Job.** Points to the 'Add Userids to Existing Job' checkbox, which is checked.
- B) Continue by using this Browse button to choose the Job Number and Path.** Points to the 'Browse...' button next to the 'Job Number' field.
- C) Select the USERIDS to be added.** Points to the 'USERIDS' list box, which contains 'user2', 'user3', 'user4', 'user5', 'user6', 'user7', and 'user8'.
- D) Click OK to finish the process.** Points to the 'OK' button at the bottom of the dialog.

 Other visible elements include:
 

- Job Number: j3p0497
- Append Job Number: checked
- Path: t:\br-proj\A\_Geopak\D3\
- District: 3
- County: Montgomery
- Units: Imperial
- Sheets: Title, Typical Sect, 2B, Plan, Profile, ROW, Utility
- Custom Coordinates: unchecked
- X COORDINATE: empty field
- Y COORDINATE: empty field
- Buttons: OK, CANCEL